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The Effects of Varying the Levels of Nitrogen in the Inflation Gas of Tires on Laboratory Test Performance

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	Approximate Co	onversions to Me	tric Measures			Approximate Cor	versions to Eng	glish Measures	
Symbol	When You Know	Multiply by	To Find	Symbol	Symbol	When You Know	Multiply by	To Find Sym	<u>ıbol</u>
		<u>LENGTH</u>					<u>LENGTH</u>		
in ft mi	inches feet miles	2.54 30 1.6 <u>AREA</u>	centimeters centimeters kilometers	cm cm km	mm cm m km	millimeters centimeters meters kilometers	0.04 0.4 3.3 0.6	inches inches feet miles	in in ft mi
in ² ft ² mi ²	square inches square feet square miles	6.5 0.09 2.6	square centimeter square meters square kilometers	m^2	cm ² km ²	square centimeters square kilometers	0.16 0.4	square inches square miles	in² mi²
		MASS (weight)				<u>N</u>	IASS (weight)		
oz lb	ounces pounds	28 0.45	grams kilograms	g kg	g kg	grams kilograms	0.035 2.2	ounces pounds	oz lb
		<u>PRESSURE</u>	<u>RE</u> <u>PRESSURE</u>						
<u>p</u> si psi	pounds per inch ² pounds per inch ²	0.07 6.89	bar kilopascals	bar kPa	bar kPa	bar kilopascals	14.50 0.145	pounds per inch ² pounds per inch ²	psi psi
		<u>VELOCITY</u>					VELOCITY		
mph	miles per hour	1.61	kilometers per ho	our km/h	km/h	kilometers per hour	0.62	miles per hour	mph
	<u>A</u>	CCELERATION				<u>AC</u>	CELERATION		
ft/s ²	feet per second ²	0.30	meters per second	$d^2 m/s^2$	m/s ²	meters per second ²	3.28	feet per second ²	ft/s ²
	TEN	MPERATURE (ex	act)			TEMP	ERATURE (exa	act)	
°F	Fahrenheit	5/9 (Celsius) - 32	2°C Celsius	o C	。 C	Celsius 9/5 (C	elsius) + 32°F	Fahrenheit	°F